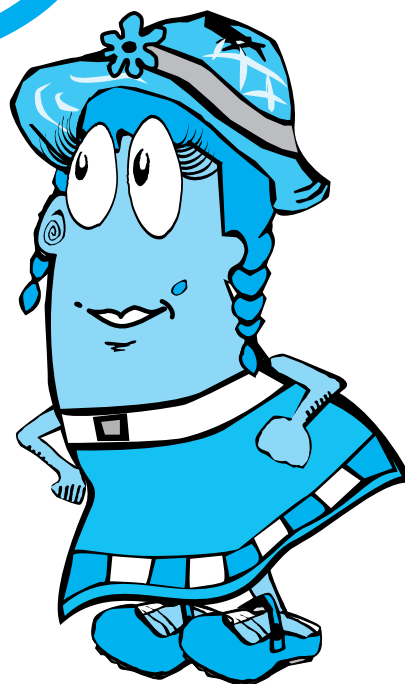


Solving Inequalities for y

Solve each inequality for y.

- 1 $3y > 6x + 9$
- 2 $-y + 3 > x + 4$
- 3 $2y + 5 < -x - 7$
- 4 $-\frac{1}{4}y - 3 > x + 2$
- 5 $y - 7 < 3x + 2$
- 6 $3y + 4 < 6x - 5$
- 7 $\frac{1}{2}y > 3x - 2$
- 8 $\frac{1}{3}y - 4 < 2x + 1$
- 9 $-2y + 3 > 4x - 5$
- 10 $\frac{1}{3}(y - 12) < 3x - 4$
- 11 $4y - 7 > -8x + 5$
- 12 $-\frac{1}{5}(y - 15) < 2x + 2$

Remember, when you multiply both sides by -1 , you must reverse the inequality sign.
 $<$ becomes $>$ and
 $>$ becomes $<$.



Answer Box.....

A $y > -2x + 3$	B $y < 3x + 9$	C $y < 9x$	D $y > 6x - 4$	E $y < 6x + 15$	F $y > -10x + 5$
G $y < -\frac{1}{2}x - 6$	H $y < -2x + 4$	I $y < -4x - 20$	J $y > 2x + 3$	K $y < 2x - 3$	L $y < -x - 1$

